

Hosna Molavi

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EDUCATION **BSc Information and Communication Technology** August 2022 - June 2025
Royal Institute Of Technology

COMPETENCES **Languages** Persian (*native*), English (*Fluent*, IELTS 7.5), Swedish (*basic*)

Back-end: Java, Python, C/C++, SQL, Elixir, Erlang, Swift, Go Glang, YAML, MIPS assembly

Front-end: React, java script, Vue, Typescript, Figma, MVP, UX design, UI design, CSS, HTML, HTML5, Android, IOS

.NET, Node, Firebase, Adobe Photoshop, Visual Studio, Xcode, IntelliJ, GitHub copilot

LaTeX, Agile, Scrum

EXPERIENCE **Teaching assistant, Programming I** Stockholm, Sweden October - December 2024

- Provided guidance to students on Java programming assignments as part of an introductory Programming I course, covering fundamental concepts and basic data structures.

Courier, Velove Stockholm, Sweden April - October 2024

- Delivered e-commerce parcels on four-wheeled electric cargo bikes during evening shifts.
- Ensuring timely service while staying active in all weather conditions.
- Balanced physical fitness with problem-solving skills to provide excellent customer service in a fast-paced.

Server, Little India Restaurant Stockholm, Sweden September 2023 - April 2024

- Served food and took orders from customers in a fast paced restaurant.

Teaching Assistant, Digital Design Stockholm, Sweden September - December 2023

- Teaching assistant for a course regarding building combination and sequential digital circuits which form the basis for building computers.

English teacher at Freelance Stockholm, Sweden January - August 2022

- Taught IELTS and English.
- Collaborated with colleagues to develop interdisciplinary projects and activities to enrich student learning experience.
- Developed innovative lesson plans and activities to engage students and ensure learning objectives are met.

SKILLS **Management skills**

- I can articulate ideas clearly, listen actively, and provide constructive feedback.

Communication skills

- I try to have a clear objective. As well as, try to listen actively and collaborate.

Problem solving skills

- Effective problem-solving skills allow them to analyze situations, identify root causes, and implement solutions to overcome challenges.

EXTRA CURRICULAR ACTIVITIES

Reception Organizer at Chapter of Information and nanotechnology KTH, Stockholm

May - September 2023

- I helped organize the reception for the newly admitted students at KTH, Kista for the Information and Nanotechnology Chapter.

PROJECTS

Popcorn website, [The website link](#)

December 2024

- The website allows users to browse trending movies, search for specific titles, add movies to their watch list, and submit comments and reviews.
- I implemented the search bar with dynamic search functionality and integrated it with the movie details page. I also developed the watch list page, handling its design, Firebase integration, and interactions with other pages. Additionally, I ensured seamless watch list functionality for logged-in users and implemented login prompts when necessary.

IOS and Android accent detection application, [The GitHub page](#)

April 2024

- Collaborated in a team of two to develop the front end of an app using Android Studio and Java. Independently resolved API fetch issues and integrated the back end, including connecting a neural network to detect accent of the recorded sound.

Socket programming, [The GitHub page](#)

February 2024

- This project involves implementing networking applications using Java sockets. It includes tasks such as creating a TCP client, an HTTP echo server, a proxy-based HTTP server, and a multi-threaded HTTP server.

Snake game on PIC 32 chip, [The GitHub page](#)

January 2023

- Developed an interactive Snake game in C on a PIC32 microcontroller during my first year, featuring pixel-by-pixel movement for smooth gameplay.